



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#5  
03/20/03

APPLICANT(S): Guy Riddle  
APPLICATION NO.: 10/020,515  
FILING DATE: 12/07/2001  
TITLE: System for Terminating Multicast Channel & Data Broadcast  
When at Least Two Second Endpoints Do Not Transmit Positive  
Acknowledgement Message to First Endpoint  
EXAMINER: Unknown  
GROUP ART UNIT: 2151  
ATTY. DKT. NO.: 18602-06587


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CERTIFICATE OF MAILING

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Dated: 1/3/03

By:   
Robert Sachs, Reg. No.: 42,120

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449/PTO-8A listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ before the mailing date of a first office action on the merits;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
  - or

- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND
- ☐ attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant request that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
APPLE COMPUTER, INC.

Dated: 11/3/03

By: 

Robert R. Sachs, Reg. No.: 42,120  
Fenwick & West LLP  
Two Palo Alto Square  
Palo Alto, CA 94306  
Tel.: (415) 875-2410  
Fax.: (415) 281-1350

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PTO/SB/21 (modified)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	0001/PTO Rev. 10/95	U.S. Department of Commerce Patent and Trademark Office	Application Number	10/020,515
			Filing Date	December, 2001
			First Named Inventor	Guy G. Riddle
			Group Art Unit Number	2151
			Examiner Name	Unknown
Total Number of Pages in This Submission		7**	Attorney Docket Number	18602-06587

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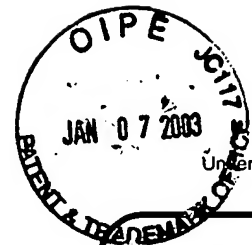
REMARKS: \*\* IDS references are not included in total pages submitted.

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Signature:		
Attorney/Reg. No.:	Robert R. Sachs, Registration No. 42,120	Dated: 1/3/03

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application No.	10/020,515
				Filing Date	December 7, 2001
				First Named Inventor	Guy G. Riddle
				Art Unit	2151
				Examiner Name	Unknown
Sheet	1	of	3	Attorney Docket Number	18602-06587

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-5,572,582	11/05/1996	Riddle
	A2	US-5,557,724	9/17/1996	Sampat et al.
	A3	US-5,541,927	7/30/1996	Kristol et al.
	A4	US-5,511,168	4/23/1996	Perlman et al.
	A5	US-5,509,010	4/16/1996	La Porta et al.
	A6	US-5,491,798	2/13/1996	Bonsall et al.
	A7	US-5,483,588	01/09/1996	Eaton et al.
	A8	US-5,483,587	01/09/1996	Hogan et al.
	A9	US-5,475,746	12/12/1995	Miller et al.
	A10	US-5,473,679	12/05/1995	La Porta et al.
	A11	US-5,459,725	10/17/1995	Bodner et al.
	A12	US-5,455,826	10/03/1995	Özveren et al.
	A13	US-5,453,780	09/26/1995	Chen et al.
	A14	US-5,442,749	08/15/1995	Northcutt et al.
	A15	US-5,440,624	08/08/1995	Schoof, II
	A16	US-5,422,942	06/06/1995	Kakwashima
	A17	US-5,422,883	06/06/1995	Hauris et al.
	A18	US-5,392,344	02/21/1995	Ash et al.
	A19	US-5,375,068	12/20/1994	Palmer et al.
	A20	US-5,374,952	12/20/1994	Flohr
	A21	US-5,373,549	12/13/1994	Bales et al.
	A22	US-5,371,534	12/06/1994	Dagdeviren et al.
	A23	US-5,355,371	10/11/1994	Auerbach et al.
	A24	US-5,341,374	08/23/1994	Lewen et al.
	A25	US-5,323,445	06/21/1994	Nakatsuka
	A26	US-5,315,586	05/24/1994	Charvillat

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				Application No.	10/020,515
				Filing Date	December 7, 2001
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Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A27	US-5,311,585	05/10/1994	Armstrong et al.
	A28	US-5,309,433	05/03/1994	Cidon et al.
	A29	US-5,297,143	03/22/1994	Fridrich et al.
	A30	US-5,291,492	03/01/1994	Andrews et al.
	A31	US-5,276,679	01/04/1994	McKay et al.
	A32	US-5,241,625	08/31/1993	Epard et al.
	A33	US-5,200,951	04/06/1993	Grau et al.
	A34	US-5,195,086	03/16/1993	Baumgartner et al.
	A35	US-5,157,662	10/20/1992	Tadamura et al.
	A36	US-5,136,581	08/04/1992	Muehrcke
	A37	US-5,101,451	03/31/1992	Ash et al.
	A38	US-5,099,510	03/24/1992	Blinken et al.
	A39	US-5,077,732	12/31/1991	Fischer et al.
	A40	US-4,893,326	01/09/1990	Duran et al.
	A41	US-4,760,572	07/26/1988	Tomikawa
	A42	US-4,756,019	07/05/1988	Szybicki
	A43	US-4,507,781	03/26/1985	Alvarez, III et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
	B1	CA 2080530	04/15/1994	IBM Canada Ltd.	
	B2	EPO 0279232	08/24/1988	IBM Corp.	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/020,515
Filing Date	December 7, 2001
First Named Inventor	Guy G. Riddle
Art Unit	2151
Examiner Name	Unknown
Attorney Docket Number	18602-06587

Sheet 3 of 3

**OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C1	Bubenik, R., et al., "Multipoint Connection Management in High Speed Networks," <i>IEEE INFOCOM '91</i> , pp. 59-67 (1991).	
	C2	Chen, M.S., et al. "Designing a Distributed Collaborative Environment," Dec. 6-9, 1992, <i>IEEE Global Telecommunications Conference</i> , Orlando, FL, pp. 213-219	
	C3	Kim, C., et al., "Performance of Call Splitting Algorithms for Multicast Traffic," <i>INFOCOM '90</i> , pp. 348,356 (1990).	
	C4	Leung, W.H., et al., "Multimedia Conferencing Capabilities in an Experimental Fast Packet Network," <i>Proceedings of the International Switching Symposium</i> , Oct. 25, 1992, Yokohama, Japan, pp. 258,262	
	C5	Ott, J., et al., "Multicasting the ITU MCS: Integrating Point-to-Point & Multicast Transport," <i>Singapore ICCS</i> , 1994, pp. 1013-1017	
	C6	"Dynamic Conference Call Participation" <i>IBM Technical Disclosure Bulletin</i> , V. 28, Aug, 1995, pp. 1135-1138.	
	C7	"Control of Video Telephony from a Data Conferencing System," <i>IBM Technical Disclosure Bulletin</i> , v. 37, Oct. 1994, pp. 327-332	
	C8	"Intelligent Packet Relay in Distributed Multimedia Systems," <i>IBM Technical Disclosure Bulletin</i> , v. 37, Jul. 1994, pp. 211-214	

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